



# ENERGY SOLUTIONS INDUSTRY

## REAL-TIME INDUSTRY SUMMARY

### MARCH 2022

#### 2021 STATEWIDE LABOR ANALYSIS

There were more than 8,000 online job postings for the Energy Solutions industry from January 2021 to December 2021. The top occupation was *Computer Occupations, All Other* making up 4.6 percent of total industry job postings for the time period.

**The employers with the most job postings were Burns & McDonnell, Emerson Electric Company, Leidos, Thermo Fisher Scientific Inc., and Danaher Corporation.**

#### TOP ONLINE JOB POSTINGS

SOC Code	Description	Percent of total job postings	Average Annual Wage	
<b>Now - requires short-term on-the-job training, little to no experience, and/or a high school diploma</b>				
43-4051	Customer Service Representatives	1.2%	\$36,580	★
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1.0%	\$33,360	★
43-9061	Office Clerks, General	0.8%	\$36,060	★
43-5071	Shipping, Receiving, and Traffic Clerks	0.7%	\$34,150	
51-9198	Helpers--Production Workers	0.5%	\$31,420	
<b>Next - requires a non-degree certificate, associate degree, apprenticeship, some experience, or moderate- to long-term training</b>				
49-9071	Maintenance and Repair Workers, General	2.3%	\$41,940	★
41-4012	Sales Representatives, Wholesale and Manufacturing, Except...	2.2%	\$71,670	★
15-1151	Computer User Support Specialists	1.4%	\$53,600	
43-6014	Secretaries and Administrative Assistants	1.2%	\$37,310	★
17-3029	Engineering Technicians, Except Drafters, All Other	1.1%	\$63,030	
<b>Later - requires a bachelor's degree or higher</b>				
15-1199	Computer Occupations, All Other	4.6%	\$85,570	
11-9199	Managers, All Other	4.1%	\$119,710	
17-2051	Civil Engineers	4.0%	\$86,410	
17-2071	Electrical Engineers	3.8%	\$103,420	
15-1132	Software Developers, Applications	3.3%	\$96,530	★

★ Denotes the top 10 occupations by total number of projected openings from 2018-2028 in Now, Next, and Later categories

#### EDUCATION AND TRAINING OPPORTUNITIES

Across the state there are numerous programs in many locations that train for occupations in the Energy Solutions industry. To find degree and certificate programs at an educational institution near you, visit **MoSCORES**, a tool designed to assist job seekers, students, career counselors, educators, and planners with a better understanding of training options and typical work outcomes of graduates, for traditional degree programs as well as noncredit credentials. In addition, there are U.S. Department of Labor Registered Apprenticeship programs for Energy Solutions occupations in Missouri. Visit **Apprenticeship Missouri** for more information.

# TOP SKILLS & CERTIFICATIONS

## TOP 10 BASIC SKILLS

- Communication Skills
- Microsoft Office
- Teamwork / Collaboration
- Problem Solving
- Microsoft Excel
- Planning
- Detail-Oriented
- Writing
- Organizational Skills
- Research

Several soft skills such as communication, teamwork, and problem solving ranked in the top 10 basic skills. Communication skills were found in more than two-fifths (43%) of total Energy industry job postings.

## TOP 10 SPECIALIZED SKILLS

- Project Management
- Scheduling
- Budgeting
- Customer Service
- Quality Assurance and Control
- Repair
- AutoCAD
- Calculation
- Customer Contact
- Sales

Top specialized skills included project management, scheduling, and budgeting.

## TOP 10 SOFTWARE SKILLS

- AutoCAD
- Revit
- MicroStation
- SAP
- Oracle
- Enterprise Resource Planning (ERP)
- Software Development
- Adobe Photoshop
- SQL
- Python

Microsoft Office and its products such as Word, Excel, PowerPoint, and Access are the most requested software skills across all industries. Other skills requested in the Energy industry include AutoCAD, Revit, and MicroStation.

## TOP 10 CERTIFICATES

- Driver's License
- Licensed Professional Engineer
- American Board for Engineering & Tech. (ABET)
- Security Clearance
- Project Management Certification
- Project Management Professional (PMP)
- Engineer in Training Certification
- CompTIA Security+
- Certified Public Accountant (CPA)
- Certified Info. Systems Security Professional (CISSP)

The top requested certificate was Driver's License followed by Licensed Professional Engineer.

### Sources:

Emsi Burning Glass Technologies, 2020 Bureau of Labor Statistics OES wages, 2018-2028 Employment Projections

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